



ERINDALE COLLEGE has a green light on the first phase of its main complex—a five-storey research building, a four-storey structure for undergraduate laboratories, and an office “link” that will connect with academic buildings of the future. A pleased Gulliver, Principal J. Tuzo Wilson is seen with a model of these buildings which, along with site development, roads and utilities,

will cost \$4 million. Minor changes in the existing College and a small additional building (one storey, 80 × 40 ft.) will meet immediate needs. Non-academic staff have moved to a house on Mississauga Road. A second house nearby (which has a swimming pool) has been converted into a centre for Erindale students.

President's Council studies pros & cons of SAC insistence on open meetings

At its meeting of September 10 the President's Council considered the three conditions under which the Students' Administrative Council had decided to accept the offer of student representation on the President's Council, namely:

- (1) That the meetings of the Council be open, as defined in the SAC's presentation to the Council this past spring;
- (2) That student representation be equal in number to that of the faculty of the University;
- (3) That the decision as to the method of selecting student representatives be the concern of the Students' Administrative Council.

On the subject of open meetings, the following questions were raised:

(a) Whether publicity will impair the functioning of an *advisory* (as distinct from an *authoritative*) group—the former being useful only to the extent that it can operate in brainstorming sessions, taking a dialectic approach to problems and airing all the conceivable results and implications of proposed courses of action with the utmost frankness. If this usefulness were destroyed (the argument went), the President would have no recourse except to select individuals to advise him in private discussions, and the advantages of the Council's multifaceted approach would be lost. This view was strongly held by all the Board members

present, and supported on the basis of their experience in government and business.

Some believed that openness might be appropriate for decision-making bodies but that it would prove fatal to an advisory body. On the other side it was said that the distinction between advice and decision is a fine one, and possibly an illusory one in the case of a strong advisory body because its recommendations will always be influential and will

normally be decisive. Therefore if we really want a better understanding throughout the University of the factors and the reasoning underlying decisions, the Council is the logical place to start from. It was pointed out that the distrust of secrecy is widespread among the staff as well as the students. The President said that he would keep these differing opinions in mind in his further negotiations.

(See page 2, Col. 4)

COMING EVENTS

SEPTEMBER

19 THURSDAY

Lecture

School of Graduate Studies and Department of Metallurgy and Materials Science. Third lecture in series of four by Dr. G. A. Chadwick, University of Cambridge. “Surface Energy Measurements Using the Bubble Shape and Cleavage Techniques”. Room 116, Wallberg Building. 4 p.m.

20 FRIDAY

Supper

Faculty Club Buffet Supper. 5.30 to 8 p.m.

21 SATURDAY

Music

“The Keyboard World of Bach”. Exploration and performance by Reginald Godden, pianist. Thirteen Saturday afternoons from 4.30 to 5.30 p.m. Royal Conservatory of Music, 273 Bloor St. W. Tickets at Publicity Office (928-3771), Monday to Friday from 9 a.m. to 4.30 p.m.

26 THURSDAY

Lecture

School of Graduate Studies and Department of Metallurgy and Materials Science. “Migration of Droplets in Solids”. Dr. G. A. Chadwick. Room 116; Wallberg Building. 4 p.m.

(See page 2, col. 2)

A Bulletin each week is the goal

A monthly (during term) for 21 years, *Staff Bulletin* today begins a more active life. From now on, a fresh issue will be in the hands of readers every week or two during term. Publication will be less frequent from April to September.

The second issue of Volume 22 is planned for September 26 and the third for October 3. Whether the *Bulletin* will continue to come out each week thereafter will depend on the academic staff, whose creature it is. Specifically, the schedule will depend on the hundred or more correspondents who supply the news from individual departments. Many of these unsung heroes and heroines have been frustrated by the *Bulletin's* former manufacturing schedule.

To take an extreme example, under the old system all of the information about a “coming event” planned for October 25 had to be in the editor's hands September 13—a spread of six weeks.

Under the new system, the *Bulletin's* editorial deadline is noon on Thursday for an issue that will be delivered to departments before noon of the following Thursday.

Another advantage: now it will be possible to give an announcement about an important coming event more than a single exposure.

As for Staff Notes and announcements concerning appointments and promotions, the news may be published while it is still news.

While the shorter manufacturing period has forced an alteration in format, there will be little change in contents. The basics remain coming events, staff notes, appointments and promotions. It is likely that we will be publishing more of the Department of Information news releases, all or most of which will have been offered earlier to *The Varsity* and the downtown press.

The one major change is the system of distribution. Even on a monthly basis, the sorting and delivery of five or six thousand *Bulletins*, each addressed to an individual, often strained the resources of the University Post Office. The new *Bulletin* will be delivered in bulk to departments. Copies which may be needed for filing will later be sent to department heads through University Delivery.

We trust that departments receiving too few or too many copies will send a note to Department of Information or telephone 928-2102 and that we will be kept informed of changing needs.

Teach-In views overpopulation

The scope of the Fourth International Teach-In, on “Exploding Humanity—The Crisis of Numbers” is vast; the crisis it encompasses is critical and immediate.

Eminent specialists from around the world will debate in Varsity Arena, Oct. 25-27, on “The Race Against Extinction”; “Seeing into the Present”; “Programming for Survival” and “A Dilemma for Affluents”. There will be films, and a pre-Teach-In week of seminars and lectures.

For information, get in touch with the International Teach-In Committee, 44 St. George St. (924-1429). Tickets are \$2 for students, and \$5 for others.

NEXT DEADLINE

Publication of a September 26 issue is assured. By noon that day all material for the October 3 issue should be in the hands of Mrs. Winogene Ferguson, the editor. Her office: Room 225, Simcoe Hall (928-2102)

Governors ask President to chair commission on U of T structure

Following approval in principle by the Board of Governors, the Executive of the Board in August launched an intensive study of how the University of Toronto is governed.

They authorized a nine-member Commission on the Structure of the University, including two Governors (Vacy Ash and Wallace McCutcheon), and asked President Claude Bissell to be the chairman. Two students, two members of the teaching staff and two administrators will complete the panel.

The proposal for the study originated in the President's Council and was forwarded by the President with the Council's unanimous endorsement.

"It will be apparent," stated Dr. Bissell when he announced the Board's action, "that this is one of the most important committees in the history of the University. The terms of reference have been kept deliberately general and open, but I can say at this time that the committee will be primarily concerned with the role of the two senior bodies in the government of the University, the Senate and the Board of Governors."

In conversations with newspaper reporters, Dr. Bissell made these points:

The commission would study the function, structure and inter-relationships of the University's existing governing bodies, both academic and financial, and determine whether they are adequate to serve the existing University system.

He had not changed the opinion he

expressed in an address to the Association of Universities and Colleges of Canada in 1966—that he saw great benefits from a single centre of authority on which staff, students—the whole University community—would be represented and which would command the respect and loyalty of the whole community. He felt such a body should have substantial lay representation, that business should be well represented.

Industry leans on the University's research enterprise, he continued, and the University depends on the private support which means the difference between an average and a great institution.

The President pointed to Columbia as an example of what can happen when

authority is fragmented. "The governors went one way, the faculty another, and the president was exposed to shots from all sides."

Emphasizing that the study had originated with the President's Council, Dr. Bissell said the Council "has rejuvenated this University; it is a place for the critical analysis of ideas—a genuine seminar".

While the commission will be concerned with enunciation of basic principles, not with the drawing of a blueprint for action, it must come up with a solution, he continued; "it can't afford to rest on its rhetorical laurels".

He said he hoped there would be a positive statement by early spring.

President's Council

(Continued from page 1)

tions with the SAC, but that the offer of student membership had been made in full knowledge of the SAC's policy on openness and he was reluctant to back-track.

(b) Whether the *degree* of openness under consideration has been sufficiently defined. The SAC's position as presented to the Council in Steven Langdon's statement of March 4th, 1968, was: "That meetings of decision-making bodies of the University be open to any member of the university community, it being understood that standards of conduct may be set for those present, and that those not meeting these standards may be ejected. Where necessary, the committee may vote to go *in camera*. Reasons for the decision must be stated." In reply to a question about observers, Professor Donald Forster said that it was the practice at SAC meetings that an observer could seek the permission of the chair to make comments, and some Council members wondered if the active participation of non-members in Council discussions would make it impossible to get the Council's work done. The question was also raised whether a decision to go *in camera* would depend on a simple majority vote or whether much time might be spent in procedural wrangling. The President was advised to get both these matters clarified.

The second condition—that student representation be equal in number to that of the faculty (i.e., seven)—was immediately accepted.

The third condition—that the method of selecting student representatives be the concern of the SAC—was questioned on the ground that there was no assurance of wide representation; the Council members felt that in view of the nature of the Council's business it would be undesirable to have all its student members from one faculty or division, and, in particular, that representation of the large body of graduate students should be assured. It was recognized that the analogy of the elections of the seven representatives of the teaching staff was unsatisfactory because the student representatives should have a connection with the students' official governmental organization as well as with their own constituencies. One suggestion was that if the SAC agreed to appropriate constituencies, elections for President's Council representatives might be held, in future years, at the same time as the elections for the President and Vice-President of the SAC, and that for the current year the SAC should be asked to schedule elections for Council representatives in October. Dr. Bissell was advised to discuss this suggestion with Mr. Langdon, and to discuss also the term of office of student representatives.

Other business

The Council was informed of the plans of the Faculty of Arts and Science for special public meetings to discuss proposed curricular changes arising from the Macpherson Report.

There was a discussion of fire protection and the advisability of microfilming students' academic records, entitlement for financial aid, etc.

In response to questions about the Commission on the Structure of the University, the President reported that the Board has designated its two representatives (Vacy Ash and Wallace McCutcheon), but that he had not heard from the Association of the Teaching Staff or the SAC. Professor J. B. Conacher said that the ATS nominations were in the mail.

EXHIBITIONS

Emrys Evans of the Rare Books Department, binding division, is preparing an exhibition of bookbinding, forwarding and finishing. It will be shown in the lobby of the University Library from Sept. 20 until late October. Some of the bindings are the work of the late Douglas Duncan.

Hart House Art Gallery Exhibition. Art Class Show and Print Rentals. Until Oct. 4. (Women welcome 2-5 p.m.)

COMING EVENTS

(Continued from page 1)

28 SATURDAY

Festival

Royal Ontario Museum Festival of the Arts and Sciences. Sept. 28 to Nov. 2 (Consult listings for special Festival events). Today: Children's Museum Carnival with films, games, origami, Punch and Judy show, dance demonstrations and many other activities for children aged 8 to 14. Admission 25¢. 10 a.m. to 4 p.m.

29 SUNDAY

Music

Hart House Sunday evening concert. Miss Lois Marshall, soprano. Great Hall. 8.30 p.m. Members may obtain tickets from the Hall Porter's Desk (2/ATL Card).

30 MONDAY

Lecture

Faculty of Architecture, Urban and Regional Planning and Landscape Architecture. Public lecture by Dr. R. Buckminster Fuller. Convocation Hall. 8 p.m.

OCTOBER

1 TUESDAY

Films

Department of French, U.C. *Margaret Mercier, ballerine and Les Mains brisées*. Repeated Wednesday, Room 104, U.C. 1.10 p.m.

3 THURSDAY

Music

Faculty of Music Thursday afternoon series. Recital "The Bach Variations Op. 81 by Max Reger". Prof. Gerhard Wuensch. Concert Hall, Edward Johnson Building. 2 p.m.

Collectors' Night

Royal Ontario Museum. Canadian antiques brought by the public to the Sigmund Samuel Canadiana Building will be authenticated by a prominent dealer for a nominal charge of \$1 per object. Tours will be given of rarely-seen storage areas. Free admission. Refreshments. 5 to 10 p.m.

4 FRIDAY

Rock Hounds' Night

Members of amateur mineralogy and gem collecting clubs in Ontario are invited to visit the ROM's galleries of geology and mineralogy, and discuss aspects of collecting with Museum staff. Free refreshments. Admission \$1. 8 p.m.

8 TUESDAY

Seminar

Department of Geology. First of eight geological seminars on the theme "Practical Applications of Recent Theoretical and Experimental Work to the Geology of Ore Deposits". "Recent Research in Sulfide Geochemistry" Dr. G. Kullerud, Geophysical Laboratory, Carnegie Institution of Washington. Room 101, Mining Building. 4 p.m.

Films

Department of French, U.C. *Les Ludions, L'Avocat de la défense and Matin sur la Lièvre*. Repeated Wednesday. Room 104, U.C. 1.10 p.m.

Lecture

Repair and restoration of 17th and 18th century buildings are discussed by Rodney Tatchell of England on Tuesday and Wednesday at 5.30 p.m. ROM main building.

10 THURSDAY

Romarama

Comedian Johnny Wayne is host of the special party sponsored by the ROM Members' Committee to introduce non-members to the ROM. There will be entertainment, demonstrations, behind-the-scenes tours, spot talks, celebrities, door prizes and refreshment areas on every floor. Tickets, at \$2.50 each, may be obtained by calling 928-3669. ROM main building. 8.30 to 11.30 p.m.

12 SATURDAY

Athletics

Rugger and Soccer. Waterloo at Varsity. Back Campus. 12 o'clock noon.

15 TUESDAY

Films

Department of French, U.C. *Pas un mot and Ombre sur la prairie*. Repeated Wednesday, Room 104, U.C. 1.10 p.m.

16 WEDNESDAY

Collectors' Night

Prized Possessions Collectors' Nights will be on Oct. 16 and 31, Nov. 14 and 28. Art objects more than 100 years old brought to the ROM will be authenticated by prominent dealers and authorities for \$1 per item. The exhibition "Prized Possessions from Private Homes" will be open on these evenings until 10.30 p.m. Refreshments available. Admission free.

Achievements of Borden era are reviewed

Announcing the retirement of Dr. Henry Borden as Chairman of the Board of Governors this summer, Prime Minister John Robarts extended the appreciation of the Ontario Government, and said he was delighted that Dr. Borden had agreed to remain as a member of the Board "so that the University may continue to have the benefit of his experience and advice".

"He has given to the University of Toronto the benefit of his very large insight into education, business and government," Mr. Robarts continued. "During 22 years as a member of the Board of Governors, as Vice-Chairman of the Board (1947-64) and as Chairman, he was deeply involved in and committed to the enormous growth of this historic institution. The stature in which the University is held throughout the world is a tribute to the dedication of many distinguished men and women and to a very large extent to the devotion of Henry Borden. His contribution to the University of Toronto and to the Province of Ontario is substantial and greatly appreciated."

Mr. Robarts' statement noted that, when Dr. Borden joined the Board in 1946, full-time enrolment was 8280; last year it was 21,821. The statement listed 17 buildings that have been erected on the St. George campus in the interval.

Reference was made to activity elsewhere: the creation of Scarborough College and Erindale College, the new building for Dentistry, and, at Downsview, construction for Connaught Medical Research Laboratories, the Institute of Aerospace Studies and the University of Toronto Press.

Mr. Robarts mentioned Dr. Borden's intimate concern with the acquisition of Sunnybrook Hospital and the planning of the Medical Sciences Building, which will enable the University to greatly increase its capacity for medical students, and the Humanities and Social Sciences Research Library.

"This library," he said, "will be much the largest of any in Canada and will serve not only University of Toronto but staff and students of other universities throughout Ontario."

Appointed & Promoted

Arts and Science

W. A. O. WAUGH, appointed professor (Mathematics) served five years with the RAF, then studied at Oxford, earning his M.A. in Mathematics, and his D.Phil. in 1955. He lectured at the Royal Military College of Science, Shrivenham, 1952-56, at Canberra University College, 1956-58, and at the University of Western Ontario, 1958-59; was assistant and then associate professor at McGill, 1959-62, and lecturer in Mathematical Statistics at the University of Hull, 1962-67.

W. G. WELLINGTON, appointed professor (Zoology) with B.A. from the University of British Columbia and M.A. and Ph.D. degrees from Toronto, has been with the federal Department of Forestry at Victoria, as principal scientist since 1964. Previous posts have been with the Department of Agriculture at Sault Ste. Marie and Victoria, with the Ontario Department of Lands and Forests and the Canadian Department of Transport.

Associate professors appointed include WILLIAM J. SAMARIN (Anthropology, and Centre for Linguistic Studies), who has B.A. and Ph.D. degrees from the University of California, Berkeley. From 1951 to 1960 he was missionary-linguist, Central African Republic, The Foreign Mission Society of the Brethren Church. Since 1961 Prof. Samarin has been with the Hartford Seminary Foundation, except for 1966-67, when he was guest professor in African Linguistics, University of Leiden, The Netherlands, and research scholar, Afrika-Studiecentrum, Leiden.

MICHAEL S. CROSS (History) has been at Carleton University for two years, last year as director, Lanark County Interdisciplinary Research Project, Institute of Canadian Studies. Previously he taught two years at the University of Calgary, and during 1963-64 was a teaching assistant at Toronto, his alma mater.

DANIEL GOLDSTICK (Philosophy) has for three years been with Carleton University's Philosophy Department. He graduated from U. of T., spent three years at Oxford on a Commonwealth Scholarship, 1962-64, and then on a Canada Council Fellowship, 1964-65. He obtained there the Bachelor of Philosophy degree and has been working for his D.Phil. at Oxford.

MISS GAIL C. A. COOK (Political Economy and Urban and Community Studies) is a graduate of Carleton University and the University of Michigan.

During 1967-68 she was a doctoral fellow in Urban and Regional Economics at Wayne State University, and taught there this year. She previously held posts as research assistant with the Royal Commission on Health Services, the Royal Commission on Taxation and the Economic Council of Canada.

JAY SIEGEL (Political Economy and Policy Analysis) is a graduate of Antioch College and has been working for his Ph.D. at Stanford University, where he has been research assistant. Other posts have been at Antioch College, and as computer programmer, Pennsylvania State University Computation Center, and New York University Uptown Computation Center.

N. K. WAGLE (East Asian Studies) has B.A. and M.A. degrees from St. Xavier's College, University of Bombay and his Ph.D. in History from the School of Oriental and African Studies, London. He was post-doctoral research fellow, University of Chicago, 1963-64, and assistant professor of Asian Studies at Skidmore College, 1956-66; fellow, Department of Ancient Indian Culture, St. Xavier's College and tutor in History, Bharatiya Vidya Bhavans, Bombay, 1956-58. He has been visiting assistant professor here.

ANTHONY V. LIMAN (East Asian Studies), a native of Czechoslovakia, studied English and Russian literature at the State Institute of Foreign Languages. He then took up Japanese language and literature simultaneously with English. Since 1965 he has been working for his Ph.D. from Charles University. Prof. Liman did research at the Oriental Institute, Academy of Science, and then went, by invitation, to Hosei University, Japan. He was enrolled as an auditor at the Institute of Literary Research of Waseda University. Last year he was visiting assistant professor here.

ROSS D. MACKINNON (Geography and Urban and Community Studies), a graduate of the University of British Columbia has since done graduate work at Northwestern University, where he obtained his M.S. in 1966. He was a Woodrow Wilson Fellow, 1964-65, and a Northwestern University Fellow, 1965-66. Prof. MacKinnon has since been research assistant on a transportation center project sponsored by the National Cooperative Highway Research



JOHN H. SWORD, Acting President of the University during Dr. Bissell's year at Harvard, is now the Executive Vice-President (Academic) and Provost.

Program (Evaluation of Transportation Plans).

GLEB ZEKULIN (Slavic Languages and Literatures) was educated at the Lycée français de Prague, at Charles University, and the School of Economics, University of Prague. After imprisonment and escape from Czechoslovakia, he earned the M.A. degree from the University of Liverpool in 1958, and then worked for his Ph.D. at the University of Glasgow. He has taught in Prague, at the Universities of Liverpool and Glasgow, and, as visiting professor, at the University of Pennsylvania and at Fordham. Since 1963 he has been associate professor of Russian at McGill.

Among newly-appointed assistant professors, R. F. GARRISON (Astronomy) earned his B.A. at Earlham College, Richmond, Ind. and studied at the Universities of Chicago (Yerkes Observatory) and Wisconsin. In 1966 he earned his Ph.D. in astronomy and astrophysics from Chicago. He has held posts at Earlham College, Yerkes Observatory, and for the past two years has been at Mount Wilson and Palomar Observatories; working on spectral classification of long period variable stars and of stars in associations.

JOHN POWELL (Chemistry) studied at Leeds University and graduated first in 1964 with a first class honours degree in special studies chemistry. He did research in the field of hydrido and allylic complexes of the platinum metals—their preparation properties and chemical reactions, and was awarded the Ph.D. in 1967. Last year he was assistant lecturer at the University of Manchester Institute of Science and Technology.

THOMAS M. ROBINSON (Philosophy) graduated in 1961 with first class honours in Classical and General Literature from the University of Durham, then did research in Platonism at Jesus College, Oxford, for a year; spent a year at the Sorbonne, and another year at Oxford. He was assistant professor at the University of Calgary, 1964-67, and last year was visiting associate professor of Classics at University College here.

DAVID J. ROWE (Physics) studied Mathematics and Physics at Cambridge after two years with the RAF. He then did experimental research in Nuclear Physics at Oxford, earning his M.A. and D.Phil. degrees. He was a Ford Foundation fellow at the Institute for Theoretical Physics, Copenhagen, 1962-63, and a research fellow at Atomic Energy Research Establishment, Harwell, 1963-66. Since 1966 he has been research associate at the University of Rochester.

R. K. LOGAN (Physics) earned B.S. and Ph.D. degrees from M.I.T. While there he spent one year as a National Science Foundation fellow, two as a teaching fellow and one as a research assistant. He spent two summers at Los Alamos Scientific Laboratory. For two years Prof. Logan was research associate at the University of Illinois. His main interest has been high energy Regge pole phenomenology, and he has also worked on eta production reactions near threshold.

D. R. MASSON (Mathematics) was promoted to the rank of associate professor.

R. D. ACCINELLI and MRS. J. K. CONWAY have been promoted to the rank of assistant professor in the Department of History.



DR. MOFFATT WOODSIDE, Professor of Classics in University College, this year retired as Vice-President and Provost to return to teaching. This photograph of Professor Woodside at the podium in Convocation Hall was taken in the spring. Among the posts he has held: Registrar and later Nelles Professor of Ancient History at Victoria, Dean of Arts, Acting President of the University, Principal of University College.

The President discusses the democratic process in a university context

The opening address given to staff and students by Dr. Claude Bissell on Monday is scheduled for publication in the next issue of the U of T *Graduate*. A few highlights follow:

I feel a little like a new student today since I am returning to the University after a year away (as Visiting Professor of Canadian Studies at Harvard University). I stress the point that I was a full-time teacher, since I am told on solemn authority that I spent a good deal of last spring working out an elaborate strategy for the containment of student discontent. . . .

I was unprepared for the Harvard tradition of mass hissing, low keyed but participatory—at the dialogue of an old Humphrey Bogart film, at remarks by visiting politicians, and at tendentious statements in the classroom. When I reported on this with some distress to a senior professor, he replied that I should accept it as about the only solid evidence he knew that there was genuine communication in the classroom. It was, he said, a sign of affection. But—these minor irritations aside—I enjoyed myself immensely, and so did—if I may trust their word—a fair number of my students. I return with the conviction that the real action at the university is in the classroom.

I return also with a renewed sense of the distinction of this University. Harvard has, I suppose, the most carefully selected student body in the world, and brilliance is almost a standard institutional commodity, but the senior seminar that I led, or for which I was the resource person, did not seem to have quite the sparkle of comparable Toronto groups that I knew—or have I succumbed to senescent nostalgia, or was I recalling graduate seminars?

Certainly the Toronto graduates at the Harvard graduate school enjoy a high reputation. I noticed that of the eight doctoral degrees awarded to Canadians at Harvard this year, six went to graduates of this University. . . .

Democracy carries with it, I think, a commitment to openness, a willingness to carry on discussions so that everybody can be aware of the issues. . . . In the university the non-democratic element is greater than it is in the state. It arises from the fact that the university is not concerned with general welfare, in which goals may vary, but with a particular area, where there can be only one principal goal—the preservation, dissemination and expansion of knowledge, and knowledge of a particular kind, knowledge that can be expressed in words or in symbols. Knowledge is an explosive (or implosive) force.

Devotion to knowledge, to scholarship, to the intellectual life is the reason a university is not the arm of a political party, an exercise in group therapy, or an institutionalized love-in; those who proclaim these alternatives are talking about another kind of institution.

The people primarily responsible for the university process are the members of the faculty, and they are not elected, but are chosen by their peers. Indeed, if professors were elected, we would violate a cardinal principle of academic autonomy. . . . The educational process has reached its highest point when teacher and student discuss a problem with a sense of intellectual equality. You might say, then, that even where the procedures of democracy are not observed in the university, the outcome is democratic provided the student chooses to make it so.

The modern university is also an elaborate institution which over the years has evolved all sorts of activities to support its essential purpose. The activities I refer to are the putting up of buildings, the running of residences, the sale of books, the operation of various ancillary services, the use of the library, the arrangement of courses within a given structure, the distribution of time as between seminars, lectures, and laboratories.

In these areas, wide participation by the whole academic community, particu-

larly by students, is essential. At the University of Toronto the liveliest activity takes place in the departments, particularly in the Faculty of Arts and Science, where joint student-faculty committees have been established, and have already contributed much to the reshaping of curriculum. From these committees will come 16 representatives on the Faculty Council—which is certainly a far cry from tokenism. In three other broad areas, there is wide student representation at the highest level: permanent advisory committees that shape policy—the Advisory Bureau, the Health Service, the Housing Service, the Placement Service, the International Centre; committees charged with a special mission: the Macpherson Committee on Undergraduate Instruction in the Faculty of Arts and Science; the Campbell Committee on Discipline; a committee on the future of the Placement Service; a committee on the Graduate School Complex; a committee to advise on a senior administrative appointment; and committees that, in effect, constitute the governing body—Hart House, and the Athletic Directorate.

We are now beginning discussions about student representation on the President's Council, upon which I depend for advice on fundamental policy matters, and on a special commission to look at the structure of government in the University, which is certainly the most important body appointed at the University since the Commission of 1906.

All this adds up to an extensive, durable, and profoundly influential network of student participation. The network needs to be widened and strengthened, and I for one recognize and support this need. The participation of a group, be it students, staff, or administrators, in University bodies does not confer on the group the right to force its ideas on the other groups, or to withdraw if its ideas are modified or rejected by the majority. We work by discussion towards the resolution of differences.

A system such as this demands an alert and active academic community. I don't think we have such a community, either among staff or students. The simple fact is that neither has sufficiently accepted the obligations of democratic participation. But of the two, the students are the less advanced. You are a small, select group, and you should, therefore, have a sense of collective responsibility. Yet in some constituencies the percentage voting for Students' Administrative Council representatives has been as low as three per cent—not a condition that encourages a lively sense of responsibility among representatives.

I believe in a strong student government. A strong student government, widely representative of its constituents, is one guarantee of a healthy and progressive university. . . .

About the academic year that we are now entering, there is much ominous talk. . . . And there will be plenty of journeymen, both within and without the University, who will want to write the script for us. The administrator will be typed half as villain, half as tedious moralist, a combination of Claudius and Polonius (in contrast to Hamlet, who, you will remember, was a dropout from Wittenberg U. and was setting up an anti-university at Elsinore against the opposition of those administrative squares, Rosencrantz and Guildenstern.) I don't like type casting. Besides I am profoundly averse to the *status quo*, which is why I am opposed to all orthodoxies, whether of the right or the left. As a character in an Oscar Wilde play remarks, "Nothing is so dangerous as being too modern. One is apt to grow old-fashioned quite suddenly."

From the ferment today will come a finer sense of community. There can be no community in a university unless it is based on a community of ideas. What we are looking for is a diminution of routine and a release of intellectual energies. In short we are seeking to establish an ideal society, and that is a task which, in the nature of things, is never finished.

STAFF NOTES

The University

PROF. NORTHROP FRYE received honorary degrees of Doctor of Laws both from the University of Saskatchewan on May 14 and from Franklin and Marshall College, Pennsylvania, on June 9, and delivered an address at each Convocation. Dr. Frye gave special lectures at Cornell University on April 18, and at the School of Letters, Indiana University on June 28.

Arts and Science

PROF. HELEN S. HOGG visited the Maria Mitchell Observatory at Nantucket for a few days in August and gave a public lecture on "The Lure of Variable Stars".

PROFS. M. J. CLEMENT, HELEN S. HOGG, J. A. ROBERTS and E. R. SEAQUIST attended the meeting of the American Astronomical Society in Victoria, Aug. 20-23.

PROF. S. P. S. ANAND attended the International Conference on Laboratory Astrophysics at Lunderen, Holland, Sept. 2-6.

PROFS. HOGG and J. D. FERNIE were delegates to the International Astronomical Union Conference on Variable Stars in Budapest, Sept. 4-10.

PROF. NATALIE ZEMON DAVIS gave an address to the History seminar of the University of California at Los Angeles, May 16, on "Industrial Disputes and Violence in Sixteenth-century France".

PROF. A. P. THORNTON renewed his Commonwealth Fellowship at St. John's College, Cambridge, for six weeks in July and August.

PROF. M. E. MARMURA gave a lecture on "Islam" to the Michaelmas Conference held at St. Michael's College on Aug. 24.

PROF. H. S. M. COXETER was a visiting professor for a term at the University of East Anglia, where he gave a course of lectures on "Regular Complex Polytopes". While in Europe he gave the following invited addresses: On "Finite Groups of Quaternions" at Cambridge, on "The Inverse Plane of Order Three" at Oxford, on "Unitary Transformations" at King's College, London, on "Circles and Spheres" at Imperial College, London, on "Affinely Regular Polygons" at the University of Sussex, on "Affinities" at Marlborough College, and on "Helices and Concho-Spirals" at the eleventh Nobel Symposium ("Symmetry and Function of Biological Systems at the Macromolecular Level") at Stockholm, Sweden.

PROF. S. G. TRIANTIS addressed the National Defence College on May 27 on "Aid to Developing Countries". Prof. Triantis participated in the Third Congress of the International Economic Association held in Montreal, Sept. 2-7. He was the general chairman of the Round Tables on International Trade and the Developing Countries and, at the final plenary session, he read a paper on "The Future of the International Economic Relations of the Underdeveloped Countries".

DR. R. O. BRINKHURST presented a paper at the annual meeting of the American Society of Limnology and Oceanography in Madison, Wisc., June 17, on "Utilization of Bacteria and Amino Acids in Sediments by Tubificid Worms". The same paper was read as a seminar to Systematics and Ecology Program, Marine Biological Laboratories, Woods Hole, Mass., July 2. Dr. Brinkhurst visited the University of Georgia Marine Institute, Sapelo Island, Ga., and gave a seminar on "The Systematics and Ecology of Aquatic Oligochaetes" July 31.

DR. H. H. HARVEY attended the annual meeting of the Canadian Society of Zoologists in Calgary, May 30 to June 2, and was elected a Councillor of the Society.

DR. T. E. REED will be an invited discussant on Sept. 2 at the International Conference on Computer Applications in Genetics, at the University of Hawaii.

PROF. C. O. HINES presented a summer graduate course on "Internal Gravity and Acoustic Waves in Planetary and Solar Atmospheres" at the Department of Astrophysics of the University of Colorado in Boulder. This course was complemented by an afternoon seminar program run by the National Center for Atmospheric Research, during which research papers were presented by DR. HINES and DR. CHIMONAS. These two, and DR. EINAUDI, presented further papers at a Symposium on Acoustic-Gravity Waves in the Atmosphere, organized in Boulder by the Environmental Science Services Administration (ESSA) and the Advanced Research Projects Agency of the U.S. Government, during the final week of the course. Drs. Chimonas and Hines also participated in a seminar on the Cause and Structure of Temperate Latitude Sporadic E, organized by ESSA, in Vail, Colorado.

PROF. J. V. IRIBARNE presented a paper on "The Development of Accumulation Zones" at the International Conference on Cloud Physics, held in Toronto, Aug. 26-30.

PROF. J. VAN KRANENDONK gave a series of invited lectures on "The Spin-Phonon Interaction" at the Summer School on Phonons and their Interactions, at Alta Lake, British Columbia, Aug. 5-17.

PROF. R. LIST was invited to visit the National Center for Atmospheric Physics in Boulder, Colorado, for the period July 8-24. There he gave a seminar on "Small Scale Turbulence Produced by Raindrops" on July 17. He also joined the crew of a DC-6 research aircraft of ESSA (Environmental Science Services Administration) on a flight to explore hailstorms and visited ESSA's Doppler radar installations for discussions of cumulus dynamics.

PROF. LOGAN spent two weeks, June 7 to 23, at Argonne National Lab where he lectured on "Low Energy KN Scattering and Finite Energy Sum Rules". He also spent six weeks, July 1 to Aug. 15, at Lawrence Radiation Laboratory, Berkeley.

PROF. J. D. POLL has begun a sabbatical year in the laboratory of PROF. TOWNES at the University of California, Berkeley.

PROF. D. J. ROWE gave a talk at Chalk River on "Applications of Equations-of-Motion Methods to Many-body Systems".

PROF. J. T. WILSON was among 3000 delegates to the International Geological Congress being held in Prague during the occupation by the Warsaw Pact forces. The meetings continued for three days longer, but were curtailed.

University College

PROF. CLIFFORD LEECH lectured as follows at the Shakespeare Institute, University of Bridgeport, Conn., July 8-11: "Death in Shakespearian Comedy"; "As You Like It: The Wind and the Rain in Shakespearian Pastoral"; "Love's Labours Lost and Won"; and "Mighty Opposites": An Aspect of Shakespearian Tragedy". On July 26 Prof. Leech read a paper on "The Function of Locality in the Plays of Shakespeare and his Contemporaries" at the International Conference on Elizabethan Theatre held at the University of Waterloo.

Scarborough College

DR. D. L. C. MILLER has been invited to be one of the fourteen International Jurors to participate in the judging for the Japan Prize International Educational Programme Contest, to be held in Tokyo from Oct. 23 to Nov. 5 under the auspices of the Japanese Broadcasting Corporation. Dr. Miller is executive assistant to the Ontario Universities' Television Council.

Victoria College

PROF. E. J. REVELL has returned from a sabbatical year spent at Cambridge, England, during which he continued his study of the history of mediaeval Hebrew systems of vocalization. He also examined MS materials related to his project in Oxford, London, Leningrad and Jerusalem, and addressed students at the University in Beer Sheva, Israel.

PROFS. D. P. DE MONTMOLLIN, W. E. McLEOD, and D. O. ROBSON attended the annual meeting of the Classical Association of Canada in Calgary in June. Prof. McLeod read a paper on "Regional Formulas" in Homer and Hesiod.

PROF. JOHN M. ROBSON spoke to a session of Canadian University Teachers of English in June on "Rhetoric as a Unifying Element in English Study". Prof. Robson has become an advisory editor of *Victorian Studies*.

Food Sciences

DEAN BARBARA McLAREN received an honorary degree from the University of Alberta during the June Convocations.

Graduate Studies

DEAN ERNEST SIRLUCK gave the convocation address at Queen's University on May 24. His address was published in the *Queen's Quarterly* as "The Future Development of Graduate Programmes in Ontario". It has since been reprinted by the Committee of Presidents of Universities of Ontario for distribution among academic administrators in Ontario.

School of Hygiene

DR. A. J. RHODES was the Canadian Representative on the International Committee of the First International Congress for Virology held in Helsinki, Finland, July 14-20. Dr. Rhodes chaired the sessions on "Diagnostic Virology" and "Persistent Virus Infections". He also visited the Finnish Institute of Occupational Health in Helsinki.